

Notice of Allowability	Application No.	Applicant(s)	
	09/549,944	PEYRAVIAN ET AL.	
	Examiner	Art Unit	
	Kambiz Zand	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/19/2004.
2. ☒ The allowed claim(s) is/are 6 and 10-12, now, re-numbered as, claims 1-4.
3. ☒ The drawings filed on 14 April 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. 7. <input type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____. |
|---|--|

DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
3. Examiner withdraws objection to the drawings and specification due to correction by the applicant.
4. Examiner withdraws objections of claims 6, 10 and 12 due to corrections by Applicant.
5. Claims 1-5 and 7-9 have been cancelled.
6. Claims 6, 10 and 12 have been amended.
7. Claims 6 and 10-12 now re-numbered, as claims 1-4 are pending.

Response to Arguments

8. Applicant's arguments filed 07/19/04 have been fully considered and they are persuasive.

Allowable Subject Matter

9. Claims 6 and 10-12 are allowed.

The following is an examiner's statement of reasons for allowance: Davis et al (6,064,736 A) teach a computer network, a method and a computer program product (see fig.1 where a computer is connected to a local area network; col.3, lines 26-33) comprising: a local computer (see fig.1; col.3, lines 28-39), a userid associated with a user of the local computer (see fig.2, item 207 user id; col.3, lines 41-43 where a user id is associated with a client computer of the user), said userid having a secret password associated therewith (see fig.3 where the userid is associated with a password, item 309 and 307; col.4, lines 42-46); a host computer (see col.4, lines 45-46 where the server is the host computer; col.3, lines 41-55; fig. 2 and 3 where the items 204 and 304 are the host computer respectively), a communications mechanism connecting the host computer to the local computer (see fig.1; fig.2-3 where the communication between the client and the server is being shown) wherein the local computer, requests access to the host computer by: sending the userid and a first nonce to the host computer (see fig.2, item 207 where the userid and the first nonce are transmitted from the client to the server or the host computer); the host computer responds to the local computer by sending a second nonce to the local computer (see fig.2, item 217 where the host computer or the server send second nonce called server nonce to the client or local computer).

Davis singly or in combination do not teach the specific steps of Applicant's invention method and system and computer program product where securely

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changing an existing password associated with a user identifier users on a host computer to a new password, wherein said passwords enable a user associated with said users at a local computer to access information on said host computer across a network, said method comprising the steps of: computer readable programming means for sending, by the local computer, the users and a first nonce to the host computer; computer readable programming means for replying, by the host computer to the local computer, with a second nonce; computer readable programming means for generating, by the local computer, a first digest of the users and the existing password and a second digest of the users and the new password; computer readable programming means for creating, by the local computer, an authentication token and an authentication token mask wherein said authentication token is a hash function of the first digest, first nonce and second nonce, and said token mask is a hash function of the second digest, first nonce plus a predetermined value and the second nonce, computer readable programming means for generating, by the local computer, a protected digest by exclusive-oring the second digest with the token mask; computer readable programming means for sending, by the local computer to the host computer, the users authentication token and the protected digest; computer readable programming means for verifying, by the host computer, the validity of the authentication token; and, computer readable programming means for accepting the new password to replace the existing password if the authentication token is valid as recited in **independent claims 6 and 10**.

- 10. Dependent claims 11 and 12** as being dependent upon Independent claim 10 and having additional allowable features therein.

Conclusion

11. Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "comments on statement of reasons for allowance."
12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (703) 306-4169. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (703) 305-1830. The fax phone numbers for the organization where this application or proceeding is assigned is (703) 872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have

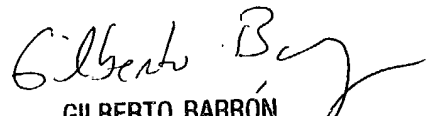
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questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).


Kambiz Zand

08/04/04


GILBERTO BARRÓN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100